

PCT REQUEST

E02-011

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| 0 | For receiving Office use only | |
| 0-1 | International Application No. | |
| 0-2 | International Filing Date | |
| 0-3 | Name of receiving Office and "PCT International Application" | |
| 0-4 | Form - PCT/RO/101 PCT Request | |
| 0-4-1 | Prepared using | PCT-EASY Version 2.92 (updated 01.10.2002) |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | Korean Intellectual Property Office (RO/KR) |
| 0-7 | Applicant's or agent's file reference | E02-011 |
| I | Title of invention | METHOD FOR RECOMBINATING PLASTID USING PROCARYOTIC RECOMBINASE GENE |
| II | Applicant | |
| II-1 | This person is: | applicant only |
| II-2 | Applicant for | all designated States except US |
| II-4 | Name | KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY |
| II-5 | Address: | 52 Eoeun-dong, Yuseong-gu 305-806 Daejeon Republic of Korea |
| II-6 | State of nationality | KR |
| II-7 | State of residence | KR |
| III-1 | Applicant and/or inventor | |
| III-1-1 | This person is: | applicant and inventor |
| III-1-2 | Applicant for | US only |
| III-1-4 | Name (LAST, First) | LIU, Jang-Ryol |
| III-1-5 | Address: | 11-201 Gyosoo Apt. KAIST Gajeong-dong, Yuseong-gu 305-350 Daejeon Republic of Korea |
| III-1-6 | State of nationality | KR |
| III-1-7 | State of residence | KR |

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| III-2 | Applicant and/or inventor | |
| III-2-1 | This person is: | applicant and inventor |
| III-2-2 | Applicant for | US only |
| III-2-4 | Name (LAST, First): | JEONG, Won-joong |
| III-2-5 | Address: | 125-705 HANVIT Apt. Eoeun-dong, Yuseong-gu 305-755 Daejeon Republic of Korea |
| III-2-6 | State of nationality | KR |
| III-2-7 | State of residence | KR |
| III-3 | Applicant and/or inventor | |
| III-3-1 | This person is: | applicant and inventor |
| III-3-2 | Applicant for | US only |
| III-3-4 | Name (LAST, First) | MIN, Sung-ran |
| III-3-5 | Address: | 132-403 HANVIT Apt. Eoeun-dong, Yuseong-gu 305-755 Daejeon Republic of Korea |
| III-3-6 | State of nationality | KR |
| III-3-7 | State of residence | KR |
| III-4 | Applicant and/or inventor | |
| III-4-1 | This person is: | applicant and inventor |
| III-4-2 | Applicant for | US only |
| III-4-4 | Name (LAST, First) | JEONG, Seok-won |
| III-4-5 | Address: | 304ho, 146-13 Shinseong-dong, Yuseong-gu 305-345 Daejeon Republic of Korea |
| III-4-6 | State of nationality | KR |
| III-4-7 | State of residence | KR |
| III-5 | Applicant and/or inventor | |
| III-5-1 | This person is: | applicant and inventor |
| III-5-2 | Applicant for | US only |
| III-5-4 | Name (LAST, First) | HAN, Su-kyoung |
| III-5-5 | Address: | 111-2002 Beodeunae Apt. Taepyeong 2-dong, Joong-gu 301-780 Daejeon Republic of Korea |
| III-5-6 | State of nationality | KR |
| III-5-7 | State of residence | KR |

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| IV-1 | Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: | agent |
| IV-1-1 | Name (LAST, First) | KIM, Won-joon |
| IV-1-2 | Address: | 305 Soohyub Bldg. 917 Dunsan-dong, Seo-gu 302-828 Daejeon Republic of Korea |
| IV-1-3 | Telephone No. | 82-42-484-5630 |
| IV-1-4 | Facsimile No. | 82-42-482-5638 |
| IV-1-5 | e-mail | ip@timepat.com |
| V | Designation of States | |
| V-1 | Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT |
| V-2 | National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW |

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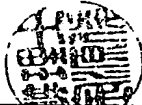
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| V-5 | Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. | |
| V-6 | Exclusion(s) from precautionary designations | NONE |
| VI-1 | Priority claim of earlier national application | |
| VI-1-1 | Filing date | 03 January 2002 (03.01.2002) |
| VI-1-2 | Number | 10-2002-0000218 |
| VI-1-3 | Country | KR |
| VI-2 | Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): | VI-1 |
| VII-1 | International Searching Authority Chosen | Korean Intellectual Property Office (KIPO) (ISA/KR) |
| VIII | Declarations | Number of declarations |
| VIII-1 | Declaration as to the identity of the inventor | - |
| VIII-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | - |
| VIII-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | - |
| VIII-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America) | - |
| VIII-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | - |
| IX | Check list | number of sheets |
| IX-1 | Request (including declaration sheets) | 5 |
| IX-2 | Description (excluding sequence listing part) | 13 |
| IX-3 | Claims | 3 |
| IX-4 | Abstract | 1 |
| IX-5 | Drawings | 2 |
| IX-7a | Sub-total number of sheets | 24 |
| IX-6 | Sequence listing part of description | 3 |
| IX-7 | TOTAL | 27 |
| | | electronic file(s) attached |
| | | EZABST00.TXT |

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| | Accompanying Items | paper document(s) attached | electronic file(s) attached |
|---------------|--|--|-----------------------------|
| IX-8 | Fee calculation sheet | ✓ | - |
| IX-9 | Original separate power of attorney | ✓ | - |
| IX-16 | Sequence listing in computer readable form: | | |
| IX-16 -(I) | copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application) | - | 1 Diskette |
| IX-17 | PCT-EASY diskette | - | Diskette |
| IX-19 | Figure of the drawings which should accompany the abstract | 3 | |
| IX-20 | Language of filing of the international application | Korean | |
| X-1 | Signature of applicant, agent or common representative |  | |
| X-1-1 | Name (LAST, First) | | |
| | | KIM, Won-joon | |

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|--------|---|--------|
| 10-1 | Date of actual receipt of the purported international application | |
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/KR |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

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| 11-1 | Date of receipt of the record copy by the International Bureau | |
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